

Converting Colors

$Yxy(45.7137, 0.2770, 0.3140)$

Have a look what the booklet for
Yxy(45.7137, 0.2770, 0.3140)
contains.

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Color

Yxy(45.7283, 0.2774, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	97BAC5
RGB	151, 186, 197
RGB Percent	59%, 73%, 77%
CMY	0.4078, 0.2706, 0.2275
CMYK	0.23, 0.06, 0.00, 0.23
HSL	194°, 28%, 68%
HSV	194°, 23%, 77%
XYZ	40.3982, 45.7283, 59.5050
YIQ	176.7890, -24.3910, -3.9990

Conversions

Conversions Part 2

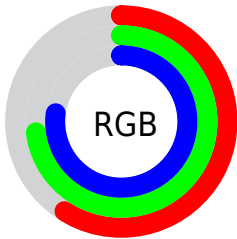
Format	Color
R_{YB}	151, 171, 197
Decimal	9943749
CIE Lab	73.37, -9.28, -9.43
CIE LCh	73, 13.230, 225.475
Yxy	45.7283, 0.2774, 0.3140
Android (android.graphics.Color)	4288133829 (0xFF97BAC5)
YUV	176.7890, 9.9640, -22.6170
Hunter-Lab	67.6227, -11.7028, -4.8367

Details

The Yxy color **45.7283, 0.2774, 0.3140** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9358, 0.3572, 0.3435**, and the grayscale version is **43.8074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7818, 0.2835, 0.3163**, and **21.4109, 0.2678, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **42.0516, 0.2630, 0.3066**, and if you desaturate by 10%, it is **49.7887, 0.2924, 0.3208**.

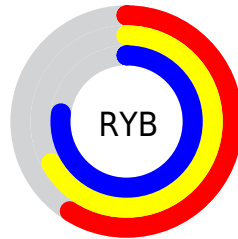
Distribution



Red (59%)

Green (73%)

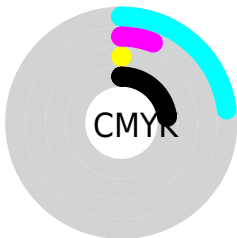
Blue (77%)



Red (59%)

Yellow (67%)

Blue (77%)

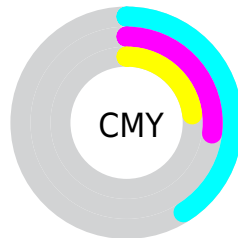


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (41%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.7283, 0.2774, 0.3140 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.7283, 0.2774, 0.3140 by changing the saturation by 10% instead.

■ 45.7283, 0.2774,
0.3140

■ 45.7283, 0.2774,
0.3140

■ 369.7152, 0.2949,
0.3217

■ 32.0315, 0.2731,
0.3120

■ 83.8122, 0.2837,
0.3169

■ 21.3855, 0.2675,
0.3094

■ 108.9681, 0.2861,
0.3179

■ 13.4061, 0.2602,
0.3059

■ 138.7125, 0.2881,
0.3188

■ 7.7088, 0.2502,
0.3009

■ 173.4297, 0.2899,
0.3196

■ 3.9092, 0.2354,
0.2931

■ 213.5042, 0.2914,
0.3202

■ 1.6229, 0.2116,
0.2798

■ 259.3204, 0.2927,

■ 0.3730, 0.0815,

0.3208

0.2375

311.2626, 0.2939,
0.3213

0.0000, 0.0000,
0.0000

45.7283, 0.2774,
0.3140

45.7283, 0.2774,
0.3140

42.0516, 0.2630,
0.3066

49.7887, 0.2924,
0.3208

38.7369, 0.2495,
0.2987

54.2425, 0.3076,
0.3271

35.7684, 0.2372,
0.2904

59.1058, 0.3229,
0.3327

33.1268, 0.2265,
0.2818

64.3920, 0.3379,
0.3377

30.7905, 0.2175,
0.2730

70.1138, 0.3526,
0.3422

■ 28.7349, 0.2104,
0.2642

■ 73.4910, 0.3559,
0.3468

■ 26.9302, 0.2053,
0.2554

■ 75.9084, 0.3548,
0.3515

■ 25.8306, 0.2027,
0.2496

■ 78.3950, 0.3538,
0.3562

■ 80.9514, 0.3528,
0.3608

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.7283, 0.2841, 0.3306



45.7283, 0.2774, 0.3140



45.7283, 0.2798, 0.3021

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.7283, 0.2774, 0.3140



45.7283, 0.3267, 0.3116



45.7283, 0.3344, 0.3617

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.7283, 0.2774, 0.3140



39.9358, 0.3572, 0.3435

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.7283, 0.3465, 0.3553



45.7283, 0.2774, 0.3140



45.7283, 0.3421, 0.3264

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.7283, 0.2774, 0.3140



45.7283, 0.3079, 0.3012



45.7283, 0.3494, 0.3423



45.7283, 0.3167, 0.3589

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.7283, 0.2774, 0.3140



45.7283, 0.2863, 0.2983



45.7283, 0.3494, 0.3423



45.7283, 0.3393, 0.3605

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.7302, 0.2774, 0.3140



94.0821, 0.3019, 0.3248



49.1009, 0.3022, 0.3783



20.0319, 0.3009, 0.3244



0.0000, 0.0000, 0.0000



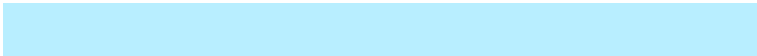
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.7302, 0.2774, 0.3140



78.4859, 0.2700, 0.3103



36.9000, 0.2749, 0.2819



11.6219, 0.2984, 0.3234



17.1290, 0.2030, 0.2507



0.9177, 0.2080, 0.2689

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.5490, 0.3255, 0.2846



61.5456, 0.3289, 0.2746



48.6818, 0.3508, 0.3721



10.7717, 0.3173, 0.3116



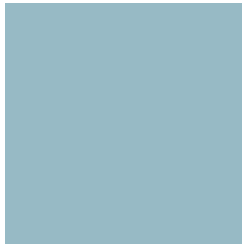
9.2692, 0.3915, 0.1930



0.4497, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 45.7283, 0.2774, 0.3140 looks on a white background.

Color Contrast Check

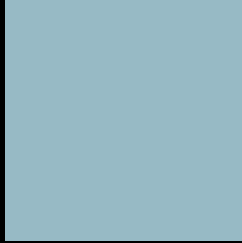
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.7283, 0.2774, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

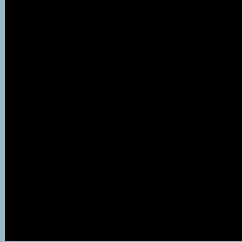
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

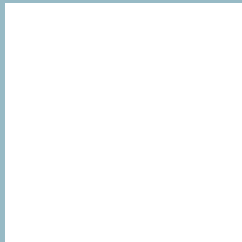
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7283, 0.2774, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 45.7283, 0.2774, 0.3140.

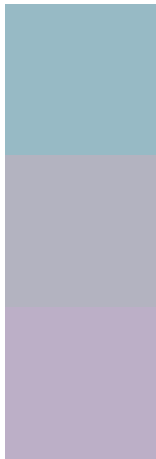


This preview shows how white text looks on a background with the Yxy color 45.7283, 0.2774, 0.3140.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.7283, 0.2774, 0.3140

Protanopia

45.6297, 0.3025, 0.3121

Deuteranopia

45.4748, 0.3047, 0.2987



Tritanopia

45.5435, 0.2760, 0.3087

Trichromacy



Original Color

45.7283, 0.2774, 0.3140

Protanomaly

45.7860, 0.2929, 0.3131

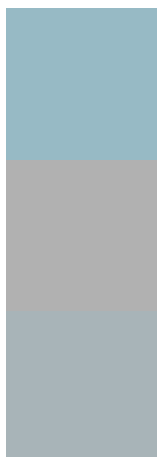
Deuteranomaly

45.4314, 0.2947, 0.3043

Tritanomaly

45.4968, 0.2767, 0.3100

Monochromacy



Original Color

45.7283, 0.2774, 0.3140

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.4280, 0.2995, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7283, 0.2774, 0.3140 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 186, 197)` looks like.

```
.text, #text, p{  
    color:rgb(151, 186, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 186, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 186, 197) }
```

Border

The CSS property to change the border of an element to Yxy 45.7283, 0.2774, 0.3140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 186, 197) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(151, 186, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(151, 186, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 186, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 186, 197);  
box-shadow:4px 4px 4px 4px rgb(151, 186,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7283, 0.2774, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 186, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151,  
186, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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